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Employee Post-Travel Disclosure of Travel Expenses

RECEIVED ate/Time Stamp:

Post-Travel Filing Instructions: Complete this form within 30 days of returning from travel. Submit all forms to the Office of Public Records in 232 Hart Building.

| In compliance with Rube reimbursed/paid for |                         |   | sures with respect to | travel expenses that have been or will   |
|---|-------------------------|---|-----------------------|--|
| <del></del>                                 | ite Sponsor Travel Ce   | rization (Form RE-1), <u>A</u><br>rtification Form with all | attachments (itinerar |  |
| Private Sponsor(s) (list                    | Information Tall):      | echnology and Innov   | ation Foundation      |  |
| Travel date(s):                             | er 29 - October 31      | , 2018  |                       |  |
| Name of accompanyin                         | g family member (if a   | ny):  |                       |  |
| Relationship to Travelo                     | • •                     | Child   |                       |  |
|   | OSTS IN EMPLOYEE        | EASE DUE TO THE ACC<br>EXPENSES. (Attach addit              |                       | SE OR DEPENDENT CHILD, ONLY              |
|   | Transportation Expenses | Lodging Expenses  | Meal Expenses         | Other Expenses<br>(Amount & Description) |
| ☐ Good Faith Estimate                       | \$689                   | \$416   | \$116                 | \$0                                      |
| Actual Amount                               |                         |   |                       |  |
| Expenses for Accomp                         | anying Spouse or De     | ependent Child (if applied                                  | able):                |  |
|   | Transportation Expenses | Lodging Expenses  | Meal Expenses         | Other Expenses<br>(Amount & Description) |
| ☐ Good Faith Estimate                       |                         |   |                       |  |
| ☐ Actual Amount                             |                         |   |                       |  |
| <b>-</b>                                    |                         | vents attended. See Senat<br>cussions and tours of          |                       | Attach additional pages if novators.     |
| // / / 20/8<br>(Date)                       | Philip L. (Printed in   | name of traveler)   |                       | Signature of traveler)                   |

TO BE COMPLETED BY SUPERVISING MEMBER/OFFICER:

I have made a determination that the expenses set out above in connections with travel described in the *Employee Pre-Travel Authorization* form, are necessary transportation, lodging, and related expenses as defined in Rule 35.

11/6/2018 (Date)

(Revised 1/3/11)

(Signature of Supervising Senator/Officer)

Form RE-2



August 27, 2018

JR Kane Correspondence Director Senator John Barrasso Washington, DC

Dear JR:

write to invite you to join Congressional staff colleagues and ITIF experts on the first ITIF Advanced Energy Technology Education Series Staff Trip to the San Francisco, California Bay area on Monday, October 29th through Wednesday, October 31st, 2018.

Over the past decade, ITIF has hosted Hill staff on educational visits to cutting-edge organizations in a range of science and technology fields. These visits allow participants to meet engineers, scientists investors, and entrepreneurs who are bringing new products to market, changing the way business is done, and pushing forward the frontiers of knowledge.

Prior trips have included hearing first-hand from leading technology executives and futurists about how innovations like advanced wireless and quantum computing may change our world over the next decade. And we have had fascinating dinner conversations with prominent venture capitalists and academic leaders about the key issues affecting the U.S. innovation and entrepreneurial economy.

We expect this trip to be no different — especially since we expect to have about 15 staffers like you joining us. We anticipate a packed schedule, likely to include stops at Lawrence Berkeley National Laboratory/Cyclotron Road, Stanford University, energy start-ups in a diverse range of technology domains, and top tech firms who are leading the transition to the smart grid.

This trip is a great opportunity to engage in rich discussions and dialogue with leading energy innovation companies, research institutions, and thinkers.

Below is a tentative schedule:

Morning flight from Washington, DC (DCA) to San Francisco, Monday, October 29, 2018:

CA (SFO) followed by site visits in San Francisco, Berkeley,

and Oakland.

Site visits in the Silicon Valley area. Tuesday, October 30, 2018:

Site visits in the south Bay area before early afternoon return Wednesday, October 31, 2018:

flight to DCA.

All travel expenses and meals are paid for by ITIF and the trip complies with House, Senate and administration rules governing privately sponsored travel.

ITIF is a non-profit, non-partisan public policy think tank committed to articulating and advancing a pro-productivity, pro-innovation and pro-technology agenda internationally, in Washington and in the states. ITIF focuses exclusively on innovation, productivity, and digital economy issues all in the

context of expanded global integration. ITIF is a 501(c)(3) organization governed by a board of distinguished IT and innovation policy leaders and experts. For more information, visit www.ITIF.org.

In order to ensure timely submission to all relevant ethics committees, please let us know if you can participate in the trip by emailing Kaya Singleton at ksingleton@itif.org no later than Friday, September 7, 2018.

We hope you can join us.

Sincerely,

Robert D. Atkinson, Ph.D.

# PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

This form must be completed by any private entity offering to provide travel or reimbursement for travel to Senate Members, officers, or employees (Senate Rule 35, clause 2). Each sponsor of a fact-finding trip must sign the completed form. The trip sponsor(s) must provide a copy of the completed form to each invited Senate traveler, who will then forward it to the Ethics Committee with any other required materials. The trip sponsor(s) should **NOT** submit the form directly to the Ethics Committee. Please consult the accompanying instructions for more detailed definitions and other key information.

The Senate Member, officer, or employee MUST also provide a copy of this form, along with the appropriate travel authorization and reimbursement form, to the Office of Public Records (OPR), Room 232 of the Hart Building, within thirty (30) days after the travel is completed.

| Inf  | ormation Technology and Innovation Foundation   |
|------|---|
| De   | scription of the trip: Educational trip for Congressional staff to gain a well-rounded perspective on   |
| the  | e energy innovation process.  |
| Da   | tes of travel: October 29 - October 31, 2018  |
|      | ace of travel: Sunnyvale, CA  |
|      | me and title of Senate invitees: See Attachments  |
| I c  | ertify that the trip fits one of the following categories:  |
| X    | (A) The sponsor(s) are not registered lobbyists or agents of a foreign principal <u>and</u> do not retain or employ registered lobbyists or agents of a foreign principal <u>and</u> no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip.                                 |
|      | (B) The sponsor or sponsors are not registered lobbyists or agents of a foreign principal, but retain employ one or more registered lobbyists or agents of a foreign principal and the trip meets the requirements of Senate Rule 35.2(a)(2)(A)(i) or (ii) (see question 9).  |
| X    | I certify that the trip will not be financed in any part by a registered lobbyist or agent of a foreign principal.  |
|      | -AND-   |
| X    | I certify that the sponsor or sponsors will not accept funds or in-kind contributions earmarked direct or indirectly for the purpose of financing this specific trip from a registered lobbyist or agent of a foreign principal or from a private entity that retains or employs one or more registered lobbyists or agents of a foreign principal. |
| I ce | ertify that:  |
| X    | The trip will not in any part be planned, organized, requested, or arranged by a registered lobbyist or   |

| 9.  | USE ONLY IF YOU CHECKED QUESTION 6(B)  I certify that if the sponsor or sponsors retain or employ one or more registered lobbyists or agents of a foreign principal, one of the following scenarios applies:  |
|-----|---|
|     | (A) The trip is for attendance or participation in a one-day event (exclusive of travel time and one overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip.                             |
|     | (B) The trip is for attendance or participation in a one-day event (exclusive of travel time and two overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee on any segment of the trip (see questions 6 and 10).   |
|     | (C) The trip is being sponsored only by an organization or organizations designated under § 501(c)(3) of the Internal Revenue Code of 1986 and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee at any point throughout the trip. |
| 10. | USE ONLY IF YOU CHECKED QUESTION 9(B)  If the trip includes two overnight stays, please explain why the second night is practically required for Senate invitees to participate in the travel:  |
|     |   |
|     |   |
| 11. | An itinerary for the trip is attached to this form. I certify that the attached itinerary is a detailed (hourby-hour), complete, and final itinerary for the trip.  |
| 12. | Briefly describe the role of each sponsor in organizing and conducting the trip:  |
|     | ITIF is the sole sponsor and is organizing and conducting all aspects of the trip.  |
|     |   |
| 13. | Briefly describe the stated mission of each sponsor and how the purpose of the trip relates to that mission:  See Attachments   |
|     |   |
| 1 4 |   |
| 14. | Briefly describe each sponsor's prior history of sponsoring congressional trips:  |
|     | ITIF has sponsored multiple congressional trips each year since 2010, and our most recent trip was  |
|     | to Los Angeles and San Diego, CA this year.   |
|     |   |
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|---|--|---------------------------------------|--|------------------|
| eports and op-eds                                 | and hosting public and pr  | ivate events, debate                  | s and policy forums.                   |                  |
|   |  |                                       |  |                  |
| otal Expenses for I                               | Each Participant:  |                                       |  |                  |
|   | Transportation . Expenses  | Lodging. Expenses                     | Meal<br>Expenses                       | Other<br>Expense |
| Good Faith estimate                               | \$700<br>(\$450 for airfare;<br>\$250 for ground<br>transportation)                            | \$416                                 | \$160                                  | \$0              |
| Actual Amounts                                    |  |                                       |  |                  |
| articipation or b) the ongressional participation | trip involves an event that the trip involves an event to ipation:  ents that are arranged and | hat is arranged or org                | ganized specifically w                 | vith regard to   |
| articipation.                                     |  |                                       |  |                  |
| eason for selecting                               | the location of the event  | or trip                               |  |                  |
| he Bay Area of Ca                                 | lifornia is a leading center   | r for research and de                 | velopment for clean                    | energy technol   |
| nd is home to man                                 | y start-up companies and   | manufacturing facilit                 | ties.                                  |                  |
| ame and location of                               | f hotel or other lodging fa  | acility:                              |  |                  |
| he Wild Palms Hot                                 | el, 910 East Fremont Ave   | enue, Sunnyvale, CA                   |  | •<br>            |
|   | ng hotel or other lodging  | facility:                             | ······································ |                  |
| eason(s) for selecti                              |  | <b>y</b> -                            |  |                  |

| 21,. | Describe how the daily expenses for lodging, meals, and other expenses provided to trip participants compares to the maximum per diem rates for official Federal Government travel:  |
|------|--|
|      | Daily expenses for lodging are less than federal per diem rates for Sunnyvale, CA.   |
|      | Daily expenses for meals are equal to federal per diem rates for Sunnyvale, CA.  |
| 22.  | Describe the type and class of transportation being provided. Indicate whether coach, business-class or first class transportation will be provided. If first-class fare is being provided, please explain why first-class travel is necessary:  |
|      | Round trip coach class commerical airfare from Washington, DC to San Francisco, CA and coach class   |
|      | ground transportation via charter bus will be provided.  |
| 23:  | I represent that the travel expenses that will be paid for or reimbursed to Senate invitees do not include expenditures for recreational activities or entertainment (other than entertainment provided to all attendees as an integral part of the event, as permissible under Senate Rule 35). |
| 24.  | List any entertainment that will be provided to, paid for, or reimbursed to Senate invitees and explain why the entertainment is an integral part of the event:  |
|      | None   |
| 25.  | I hereby certify that the information contained herein is true, complete and correct. (You must include the completed signature block below for each travel sponsor.):  Signature of Travel Sponsor:   |
|      | Name and Title: Jackie Whisman, Vice President   |
|      | Name of Organization: ITIF   |
|      | Address: 1101 K Street, SE, Suite 610, Washington, DC 20005  |
|      | Telephone Number: (202) 626-5748   |
|      | Fax Number: None   |
|      | E-mail Address: jwhisman@itif.org  |



# PRIVATE SPONSOR TRAVEL CERTIFICATION FORM – SENATE ATTACHMENTS

# ITIF Staff Education Series Trip to the Bay Area, California - October 29 - 31, 2018

# Question 5:

| First Name | Last Name  | Title '                                     | Office/Committee                                 |
|------------|------------|---|--|
| Radha      | Adhar      | Legislative Assistant                       | Senator Tammy Duckworth                          |
| Brian      | Albert     | Legislative Assistant                       | Rep. Ron DeSantis                                |
| Dan        | Alpert     | Senior Legislative Assistant                | Senator Martin Heinrich                          |
|            |            |   | Senate Appropriations, Energy and                |
| Jen        | Armstrong  | Professional Staff Member                   | Water Development Subcommittee                   |
| Priscilla  | Barbour    | Congressional Energy Fellow                 | Energy and Commerce                              |
| Elena      | Brennan    | Legislative Assistant                       | Rep. Marsha Blackburn                            |
| Becky      | Cairns     | Senior Policy Advisor                       | Rep. Niki Tsongas                                |
|            |            |   | Senate Energy and Natural Resources              |
| Chester    | Carson     | Professional Staff Member                   | Committee  |
| Mickeala   | Carter     | Communications Director                     | Rep. Filemon Vila                                |
| Kristian   | Chin       | Legislative Assistant                       | Rep. Zoe Lofgren                                 |
| Karen      | Christian  | General Counsel                             | Energy and Commerce                              |
|            |            |   | Senate Appropriations, Energy and                |
| Doug       | Clapp      | Professional Staff Member                   | Water Development Subcommittee                   |
| Seana      | Cranston   | Deputy Chief of Staff                       | Rep. Thomas Massie                               |
| Joel       | Creswell   | Legislative Assistant                       | Rep. Dan Lipinski                                |
| Caleb      | Crosswhite | Counsel/Prof Staff Member                   | House Agriculture Committee                      |
| Patrick    | Cuff       | Chief of Staff                              | Rep. Steve Pearce                                |
|            |            |   | Senate Energy and Natural Resources              |
| Suzanne    | Cunningham | Senior Policy Advisor                       | Committee  |
|            |            |   | House Committee on Science, Space and            |
| Tanya      | Das        | Fellow                                      | Technology                                       |
| Jordan     | Davis      | Senior Advisor                              | Energy and Commerce                              |
| Jed        | Dearborn   | Energy Counsel                              | Senator John Barrasso                            |
| Jamie      | DeAtley    | Legislative Assistant                       | Rep. Anthony Brown                               |
| _ •        |            |   | Senate Appropriations, Energy and                |
| Adam       | DeMella    | Professional Staff Member                   | Water Development Subcommittee                   |
| •          |            |   | Senate Energy and Natural Resources              |
| Lane       | Dickson    | Professional Staff Member                   | Committee  |
| Emily      | Domenech   | Subcommittee Staff Director                 | House Science, Space and Tech, Energy            |
| LIIIIIY    | Domenech   | Subcommittee Staff Director                 | Subcommittee Senate Energy and Natural Resources |
| Kellie     | Donnelly   | Deputy Chief Counsel                        | Committee  |
| Grant      | Dubler     | Legislative Director                        | Rep. Jacky Rosen                                 |
| Josephine  | Eckert     | Legislative Director  Legislative Assistant | · · · · · · · · · · · · · · · · · · ·            |
| Josehiilia | LCKEIL     | LEGISIALIVE ASSISTATIL                      | Senator Patty Murray                             |

# INFORMATION TECHNOLOGY & INNOVATION FOUNDATION

|            |             |                              | House Natural Resources, Energy and    |
|------------|-------------|------------------------------|--|
| Chris      | Esparza     | Counsel                      | Mineral Resources Subcommittee         |
| Sean       | Farrell     | Professional Staff Member    | Energy and Commerce                    |
| Alan       | Feyerherm   | Deputy Chief of Staff        | Rep. Jeff Fortenberry                  |
| Adam       | Fromm       | Coalitions Director          | Energy and Commerce                    |
| Lindsay    | Garcia      | Energy Policy Director       | Senator Lamar Alexander                |
| Rachel     | Gentile     | Legislative Director         | Rep. Alan Lowenthal                    |
|            |             |                              | House Appropriations, Energy and Water |
| Angie      | Giancarlo   | Subcommittee Staff Director  | Dev. & Related Agencies                |
| Aaron      | Goldner     | Energy Policy Advisor        | Senator Sheldon Whitehouse             |
| Lindsay    | Griffith    | Legislative Assistant        | Senator Ed Markey                      |
|            |             |                              | House Natural Resources, Energy and    |
| Austin     | Hacker      | Clerk                        | Mineral Resources Subcommittee         |
| Heath      | Hansen      | Legislative Assistant        | Senator Mike Lee                       |
| Christophe |             |                              | Senate Appropriations, Energy and      |
| r          | Hanson      | Professional Staff Member    | Water Development Subcommittee         |
| Trevor     | Higgins     | Legislative Assistant        | Senator Dianne Feinstein               |
| Hunter     | Hobart      | Legislative Assistant        | Rep. Gary Palmer                       |
|            |             |                              | Senate Energy and Natural Resources    |
| Brian      | Hughes      | Staff Director               | Committee                              |
| Jasmine    | Hunt        | Senior Policy Advisor        | Senator Dick Durbin                    |
| Ben        | Jackson     | Senior Legislative Assistant | Rep. Gene Green                        |
| Brennan    | Johnson     | Legislative Assistant        | Senator Richard Shelby                 |
| JR         | Kane        | Correspondence Director      | Senator John Barrasso                  |
| Andrew     | Keyes       | Senior Legislative Assistant | Rep. Louie Gohmert                     |
| Ben        | Kochman     | Legislative Director         | Rep. Kay Granger                       |
| Olivia     | Kurtz       | Legislative Director         | Senator Susan Collins                  |
| Brendan    | Larkin      | Senior Policy Advisor        | Rep. Paul Tonko                        |
|            | Luttenberge |                              |  |
| Rose       | r           | Legislative Assistant        | Rep. Frank Pallone                     |
| Ariel      | Marshall    | Senior Policy Advisor        | Senator Jeanne Shaheen                 |
| Kevin      | McAloon     | Professional Staff Member    | Energy and Commerce                    |
| Malcolm    | McGeary     | Legislative Assistant        | Senator Ron Wyden                      |
| Megan      | Miller      | Chief of Staff               | Rep. Steve Scalise                     |
| Andrew     | Mooney      | Legislative Director         | Rep. Hultgren                          |
| Sydney     | Pettit      | Legislative Assistant        | Rep David McKinley                     |
| David      | Rardin      | Legislative Director         | Rep. Bill Johnson                      |
| Mark       | Ratner      | Legislative Director         | Rep. Fred Upton                        |
|            |             |                              | Senate Energy and Natural Resources    |
| Benjamin   | Reinke      | Professional Staff Member    | Committee                              |
| Henry      | Ring        | Legislative Assistant        | Senator Jon Tester                     |
| John       | Rivard      | Legislative Fellow           | Senator Lamar Alexander                |
| Tim        | Robinson    | Chief Counsel                | Energy and Commerce                    |
| Brent      | Robinson    | Deputy Chief of Staff        | Rep. Rob Wittman                       |



|            |           |                              | House Science, Space and Tech, Energy                            |
|------------|-----------|------------------------------|--|
| Adam       | Rosenberg | Subcommittee Staff Director  | Subcommittee   |
| Christophe |           |                              |  |
| r          | Santini   | Counsel                      | Energy and Commerce  |
| Nick       | Schemmel  | Legislative Director         | Rep Buddy Carter   |
| Quentin    | Scholtz   | Legislative Aide             | Senator Mitch McConnell  |
| Meyer      | Seligman  | Professional Staff Member    | Senate Appropriations, Energy and Water Development Subcommittee |
| Leah       | Shen      | Legislative Assistant        | Senator Chris Coons  |
| Dustin     | Sherer    | Legislative Assistant        | Senator Cory Gardner   |
| Josh       | Sizemore  | Legislative Assistant        | Senator Steve Daines   |
| Brian      | Skretny   | Legislative Director         | Rep. Eliot Engel   |
| Alison     | Slagell   | Legislative Assistant        | Rep. Frank Lucas   |
| Jeff       | Small     | Legislative Director         | Rep. Paul Gosar  |
| Michelle   | Stoika    | Senior Legislative Assistant | Rep. Randy Weber   |
| Aaron      | Suntag    | Senior Policy Advisor        | Senator Debbie Stabenow  |
| Christine  | Sur       | Legislative Assistant        | Rep. Jared Huffman   |
| Katie      | Thomas    | Policy Advisor               | Senator Bernie Sanders   |
| James      | Thomas    | Legislative Director         | Rep. Doug Lamborn  |
| Megan      | Thompson  | Legislative Assistant        | Senator Maria Cantwell   |
| Candace    | Vahlsing  | Senior Advisor               | Senator Michael Bennet   |
| Samantha   | Warren    | Senior Policy Advisor        | Rep Bill Foster  |
| Emily      | \\/ona    | Councal                      | House Oversight and Government                                   |
| Emily      | Wong      | Counsel                      | Reform   |
| Thaddeus   | Woody     | Legislative Assistant        | Rep. Marc Veasey   |
| Michael    | Yancey    | Legislative Assistant        | Rep. Michael Burgess   |
| Marshall   | Yates     | Legislative Counsel          | Rep. Mo Brooks   |
|            |           |                              |  |
| · -        |           |                              |  |
|            |           | <u> </u>                     | <u></u>  |

# Question 13:

ITIF is a non-partisan think tank whose mission is to formulate and promote public policies to advance technological innovation and productivity. ITIF focuses on innovation, productivity and digital economy issues. Our interest in the trip is to help staff better understand how new technologies and technology applications are developing and what the trends are likely to be in the future, so that they can better understand and respond to the technological challenges facing our nation.

This trip is part of the "ITIF Education Series" – a set of regular trips with Members of Congress and/or senior House and Senate staff to high-tech and innovation hubs around the country.



# Education Series Staff Trip to the Bay Area, CA Monday, October 29 – Wednesday, October 31, 2018

### Monday, October 29, 2018

8:30 AM Eastern United Flight 2042 Departs Washington Reagan (DCA)

11:35 AM Pacific Flight 2042 Lands San Francisco (SFO)

12:00 PM Bus Departs SFO + Boxed Lunch

12:30 – 2:00 PM Pacific Gas & Electric (PG&E) (77 Beale Street, San Francisco)

Participants will visit the PG&E's Energy Trading Floor, where they manage grid operations, including which generating resources get dispatched. This facility is responsible for managing the renewable generation resources being produced in California and those purchased outside of the state. By doing so, PG&E ensures that it is in compliance with the state's renewable portfolio standard and that its grid operation is consistent with the requirements of the California Independent System Operator.

2:30 – 4:00 PM **Powerhouse** (426 17<sup>th</sup> St., Oakland)

Participants will meet with energy start-up companies, including those working on energy-related software solutions, who are resident in Powerhouse's incubator space. The purpose is to understand better the challenges and opportunities that start-ups in this sector face as well as how Powerhouse's collaborative work spaces contribute to their development.

4:30 – 6:00 PM Lawrence Berkeley National Lab and Cyclotron Road (1 Cyclotron Road,

Berkeley)

Participants will receive an overview of LBNL's science and technology activities from lab director Mike Witherell. They will visit LBNL's lab-embedded entrepreneurship program, Cyclotron Road, which allows selected entrepreneurs to draw on the lab's technological facilities and expertise to accelerate their businesses.

6:00 – 7:00 PM Dinner and Expert Speaker Presentation (1 Cyclotron Road, Berkeley)

The participants will have dinner and hear from Pete Frischmann, CEO of Sepion Technologies. Frischmann was a past Cyclotron Road Fellow and will share how his experience has helped him to create and expand an energy start-up

company.

7:00 - 8:00 PM

RON
The Wild Palms Hotel (910 East Fremont Avenue, Sunnyvale)

**Travel to Hotel** 



# Tuesday, October 30, 2018

7:00 AM Breakfast Available at Hotel

8:00 AM Bus Departs Hotel

8:30 – 10:00 AM **G2VP** (2730 Sand Hill Road, Menlo Park)

The participants will meet with David Mount, senior partner at the venture capital firm G2VP, which invests in cleantech start-ups. The discussion will focus on what the private sector can do to accelerate new businesses, how well the venture capital funding model suits the energy sector, and how venture capital financing interacts with other forms of financing across the innovation chain. Discussion may include G2VP's experience building a cleantech portfolio, including how they track emerging technologies and their investment criteria.

10:30 AM - 12:00 PM Bloom Energy (1299 Orleans Drive, Sunnyvale)

The participants will gain an understanding of a key emerging technology, fuel cells, which convert chemical energy into electricity. Bloom sells into a diverse array of markets and will provide insight into how different industries are managing their energy mix over time.

12:15 – 1:00 PM Quick Lunch Stop

1:30 – 3:00 PM VMware (3425 Hillview Avenue, Palo Alto)

The participants will visit VMware's data center. Data centers comprise a rapidly growing share of U.S. energy consumption, and many data companies, including VMWare, have made clean energy commitments. The participants will learn how the firm manages demand, implements energy efficiency improvements, and fulfills its clean energy commitments, while still providing the ultra-reliable services that the data industry requires.

3:30 – 5:00 PM Hoover Institution, Stanford University (Palo Alto)

The participants will meet with scientists and engineers who are conducting research and development projects on carbon capture and storage (CCS). CCS may be a key technology for the transition to a low-carbon energy system, because it will allow continued reliance on fossil fuel resources. However, many challenges remain in implementing it. Participants will gain insights into these challenges and hear about future directions for R&D.

5:00 – 6:00 PM Roundtable Discussion with Stanford University Energy Club

The participants will engage informally with student members of the Stanford Energy Club. The students come from a wide variety of disciplines, ranging



across science and engineering to business and policy. They will have a chance to learn from the participants about how policy gets made, while sharing their perspectives on the future clean energy landscape.

6:30 – 8:00 PM Dinner Discussion with David Danielson, Breakthrough Energy Ventures

The participants will hear from and interact with David Danielson, former program director at ARPA-E and assistant secretary for energy efficiency and renewable energy at DOE. Danielson is currently with Breakthrough Energy Ventures, which was established to provide follow-on private investment funding for projects emerging as a result of Mission Innovation, in which the United States and twenty other leading countries committed to doubling public sector investment in energy research, development, and demonstration (RD&D). Danielson will provide insights into clean energy technology needs and opportunities, based on his expertise and experiences both at DOE and at Breakthrough Energy Ventures. Breakthrough Energy has identified five "Grand Challenges"—in electricity, transportation, agriculture, manufacturing, and buildings—to get to a future powered by clean energy, and has mapped out a landscape of innovation needed to address these challenges.

RON The Wild Palms Hotel (910 East Fremont Avenue, Sunnyvale)

### Wednesday, October 31, 2018

7:00 AM Breakfast Available at Hotel

8:00 AM Bus Departs Hotel

8:30 – 10:30 AM Fremont Cleantech Advanced Manufacturing Cluster (6200 Paseo Padre

Parkway, Fremont)

The participants will visit the City of Fremont, which has an economic development strategy based in part on clean energy manufacturing. They will visit two co-located manufacturers. NexTracker designs, manufactures, and services the advanced single-axis solar trackers for the power plants. Solaria designs advanced solar modules and develops new manufacturing processes for them. These visits will provide insights into the challenges of turning R&D into products that support manufacturing jobs in the United States.

11:30 AM Flight Check In

1:10 PM Pacific United Flight 2046 Departs San Francisco (SFO)

9:30 PM Eastern United Flight 2046 Arrives Washington Reagan (DCA)

# 

(Revised 10/19/15)

# EMPLOYEE PRE-TRAVEL AUTHORIZATION

Pre-Travel Filing Instructions: Complete and submit this form at least 30 days prior to the travel departure date to the Select Committee on Ethics in SH-220. Incomplete and late travel submissions will not be considered or approved. This form must be typed and is available as a fillable PDF on the Committee's website at ethics.senate.gov. Retain a copy of your entire pre-travel submission for your required post-travel disclosure.

|   | JR" Kane   |
|---|--|
| Name of Traveler:   |  |
| Sena Employing Office/Committee:  | ator John Barrasso   |
| Information Technology and Innov  | ration Foundation (ITIF)   |
| Private Sponsor(s) (list all):  |  |
| October 29, 2018 - Octber 31, 2018  |  |
| Travel date(s):  Note: If you plan to extend the trip for any reason you must   | notify the Committee.  |
| San Fransisco Bay Area (agenda attached)  |  |
| Destination(s):   |  |
| Explain how this trip is specifically connected to the traveler's offici  | al or representational duties:   |
| As Correspondence Director I serve in the absence of legislative assistan assisting in those issues. In addition I regulary correspond with constituent technological advancements in the energy sector. As the Senator is a methis policy agenda and interests. This trip will allow me to visit with and gain the energy industry and will allow me to incorporate new ideas into the | ts and government officials who are interested in mber of the ENR committee this is ever more prominent in howledge form leaders in technological advancements |
| Name of accompanying family member (if any): NA  Relationship to Employee: Spouse Child  I certify that the information contained in this form is true, complete  9/28/20/8  (Date)   | and correct to the best of my knowledge:  (Signature of Employee)  |
| (Date)  | (Signoture of Employee)  |
| TO BE COMPLETED BY SUPERVISING SENATOR/OFFICER (Preside Secretary for the Majority, Secretary for the Minority, and Chaplain):  John Barrasso  I. hereby authorize  | JR Kane  |
| (Print Senator's/Officer's Name)  | (Print Traveler's Name)  |
| an employee under my direct supervision, to accept payment or reim related expenses for travel to the event described above. I have deterduties as a Senate employee or an officeholder, and will not create the private gain.  | mined that this travel is in connection with his or her  |
| I have also determined that the attendance of the employee's spouse   | or child is appropriate to assist in the representation.   |
| of the Senate. (signify "yes" by checking box)  |  |
|   |  |
| 7 - 74 · 7A / B   |  |
| 7-28-2018<br>(Date)   | Signature of Supervising Senator/Officer)  |